# KVR400D2D8R3K2/4G

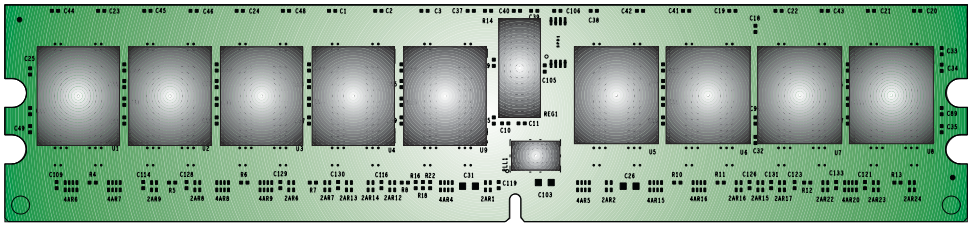
## *4GB (2GB 256M x 72-Bit x 2 pcs.) DDR2-400 CL3 Registered 240-Pin ECC DIMM Kit*

### DESCRIPTION:

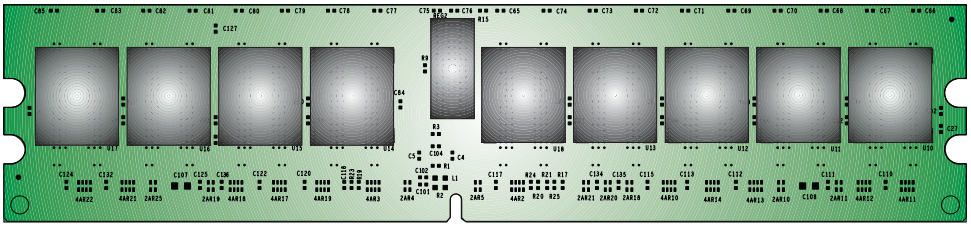
ValueRAM's KVR400D2D8R3K2/4G is a kit of two 256M x 72-bit 2GB (2048MB) DDR2-400 CL3 SDRAM (**S**ynchronous **DRAM**) "dual rank" registered ECC memory modules.Total kit capacity is 4GB (4096MB). The components on each module include eighteen 128M x 8-bit (64M x 8-bit x 4 Bank) DDR2-400 SDRAM in FBGA packages. Each 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

### FEATURES:

| | |
|---|---|
| ☑ Clock Cycle Time (tCK) CL=3 | 5ns (min.) / 8ns (max.) |
| ☑ Row Cycle Time (tRC) | 55ns (min.) |
| ☑ Refresh to Active/Refresh Command Time (tRFC) | 127.5ns |
| ☑ Row Active Time (tRAS) | 40ns (min.) / 70,000ns (max.) |
| ☑ Single Power Supply of | +1.8V (+/- .1V) |
| ☑ Power | 3.725 W (operating per module) |
| ☑ UL Rating | 94 V - 0 |



COMP SIDE



SOLDER SIDE– MIRRORED

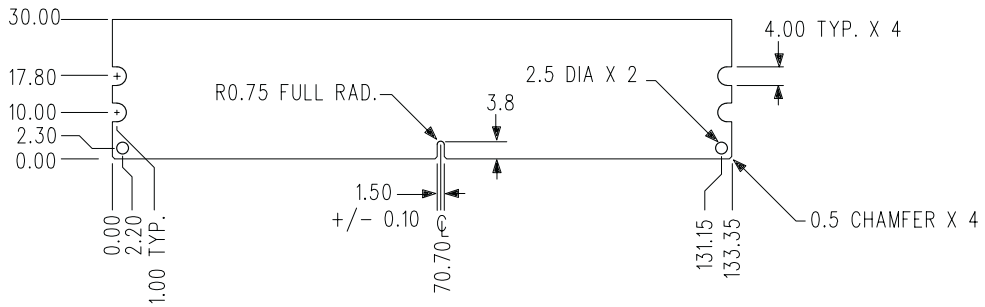



***Figure 1: KVR400D2D8R3K2/4G 240-Pin DIMM***